

**Duffy, Patricia**

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**From:** Duffy, Patricia  
**Sent:** Wednesday, September 29, 2004 3:43 PM  
**To:** STIC-Biotech/ChemLib  
**Subject:** Sequence Search 09/765,271

IN RE: 09/765,271

Please search SEQ ID NOS:55, 56 and oligomers thereof.  
Please run the AA sequence of SEQ ID NO:56 against the NA databases.  
Please search both the commercial and interference databases.  
Please print out top 25 hits in each category.

Thanks.

*Patricia A. Duffy, Ph.D.  
Art Unit 1645, Remsen 3B05  
571-272-0855*

**STIC-Biotech/ChemLib**

*133550*

From: Duffy, Patricia  
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Thanks.

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Art Unit 1645, Remsen 3B05  
571-272-0855*

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STAFF USE ONLY

Searcher: \_\_\_\_\_  
Searcher Phone: 2-  
Date Searcher Picked up: \_\_\_\_\_  
Date Completed: \_\_\_\_\_  
Searcher Prep/Rev. Time: \_\_\_\_\_  
Online Time: \_\_\_\_\_

\*\*\*\*\*

Type of Search

NA Sequence: # \_\_\_\_\_  
AA Sequence :# \_\_\_\_\_  
Structure: # \_\_\_\_\_  
Bibliographic: \_\_\_\_\_  
Litigation: \_\_\_\_\_  
Patent Family: \_\_\_\_\_  
Other: \_\_\_\_\_

\*\*\*\*\*

Vendors and cost where applicable

STN: \_\_\_\_\_  
DIALOG: \_\_\_\_\_  
QUESTEL/ORBIT: \_\_\_\_\_  
LEXIS/NEXIS: \_\_\_\_\_  
SEQUENCE SYSTEM: \_\_\_\_\_  
WWW/Internet: \_\_\_\_\_  
Other(Specify): \_\_\_\_\_

# NiceProt View of TrEMBL: P91742

## Entry information

Entry name	<b>P91742</b>
Primary accession number	<b>P91742</b>
Secondary accession numbers	None
Entered in TrEMBL in	Release 03, May 1997
Sequence was last modified in	Release 03, May 1997
Annotations were last modified in	Release 17, June 2001

"expanded search"

## Name and origin of the protein

Protein name	<b>Transposase [Fragment]</b>
Synonyms	None
Gene name	None
From	Hydra attenuata (Hydra) (Hydra vulgaris) [TaxID: 6087]
Taxonomy	Eukaryota; Metazoa; Cnidaria; Hydrozoa; Hydriida; Anthomedusae; Hydridae; Hydra.

## References

### [1] SEQUENCE FROM NUCLEIC ACID.

TRANSPOSON=mariner;

MEDLINE=97327060;PubMed=9183847

Robertson H.M.;

"Multiple Mariner transposons in flatworms and hydras are related to those of insects.";  
J. Hered. 88:195-201(1997).

## Comments

None

## Cross-references

EMBL	U51185; AAB61389.1; -
InterPro	IPR001888; Transposase_1.
Pfam	PF01359; Transposase_1; 1. Pfam graphical view of domain structure.
Implicit links to	ProtoMap; PRESAGE; ModBase; SMR; SWISS-2DPAGE; UniRef.

## Keywords

None

## Features

Key	From	To	Length	Description
NON_TER	1	1		

h e g cg b ce b e c

NON\_TER 154 154

### Sequence information

Length: **154 AA** [This is the length of the partial sequence]

Molecular weight: **18179 Da** [This is the MW of the partial sequence]

CRC64: **955FB7091F434F57** [This is a checksum on the sequence]

10	20	30	40	50	60
TIDQKQQRID	DSEQCLELSH	QNRTDFFCRY	ITMDETWLHH	HTPESNRQSA	EWTARDEPTP
70	80	90	100	110	120
KRGKTQQSAG	KFMASVFWDT	HGIIIFIDYLE	KGKTINSDY	IALLERLNDE	IAKKRPHLKK
130	140	150			
KKVLFHQDNA	PCHKSMNTML	KLNELGFELL	PHPP		

h e g cg b ce b e c